## **ABSTRACT**

## NaCT AS A TARGET FOR LIFESPAN EXPANSION AND WEIGHT REDUCTION

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The present invention provides the identification and characterization of a novel transmembrane transporter, a Na<sup>+</sup>-coupled citrate transporter ("NaCT"). 10 Isolated polynucleotides encoding the transmembrane transporter, the transmembrane transporter polypeptide itself, antibodies thereto, and methods of use, are provided.

CERTIFICATE UNDER 37 C.F.R. §1.10

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